

METHOD FOR JOINING ROD AND COLLAR  
AND JOINING DIE SET THEREFOR

ABSTRACT OF THE DISCLOSURE

After a rod 4 with a pre-formed annular groove 21 is  
5 fixed on a reception die 26, a collar blank 23 is fitted on  
the rod 4. Then the die 25 is advanced toward the  
reception die 26 along the rod 4, urging the collar blank  
23 into its forming bore 27, causing the inner diameter  
portion of the blank 23 to enter into the annular groove 21  
10 by a plastic flow. Subsequently by a further advancement  
of the die 25, an annular projection 29 formed at the  
bottom surface of the forming bore 27 is driven into the  
end surface of the collar blank 23 to cause the blank to 23  
plastically flow further into the annular groove 21.